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Research Use Only. Not for diagnostic or therapeutic use.

EB05382-T - Goat Anti-ADAM17 / TACE Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: ADAM17, TACE, a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), CSVP, cSVP, CD156b, MGC71942, TACE, cSVPADAM metalloproteinase domain 17, TNF-alpha converting enzyme, a disintegrin and metalloproteinase domain 17, a disintegrin and metalloproteinase domain 17 (tumor necrosis factor, alpha, converting enzyme), snake venom-like protease, ADAM metalloproteinase domain 17, ADAM18, CD156B, ADAM metalloproteinase domain 18, snake venom-like protease, tumor necrosis factor, alpha, converting enzyme

Official Symbol: ADAM17

Accession Number(s): NP_003174.3

Human GeneID(s): [6868](#)

Non-Human GeneID(s): 11491 (mouse)

Important Comments: This antibody is expected to recognise isoform 1 (represented by NP_003174.3) and not isoform 2 (represented by NP_068604).

Immunogen

Peptide with sequence LQRQNRVDSKETEC, from the C Terminus of the protein sequence according to NP_003174.3.

Please note the [peptide](#) is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

Applications Tested

Peptide ELISA: antibody detection limit dilution 1:32000.

Western blot: Approx 125-130kDa band observed in HeLa, Jurkat and U937 lysates (predicted MW of kDa according to NP_003174.3 but glycosylated). Recommended for use at 0.1-1µg/ml. Primary incubation was for 1 hour. The observed molecular weights correspond to earlier findings in literature with different antibodies (Le Gall et al, J Cell Sci. 2010 Nov 15;123(Pt22):3913-22; PMID: 20980382)

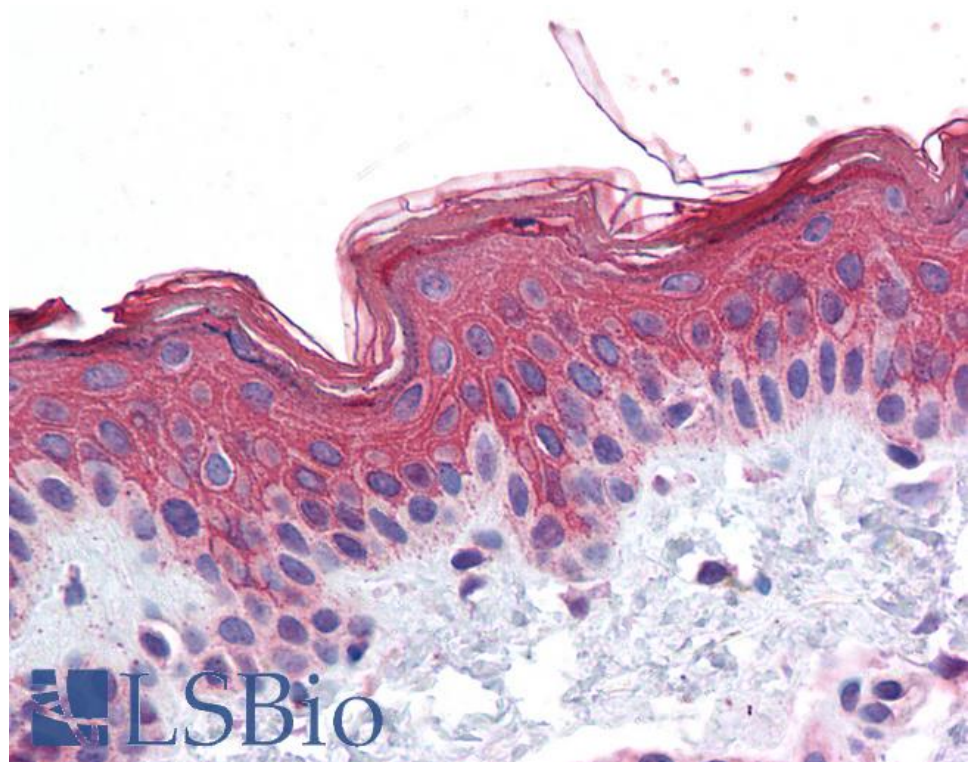
Species Reactivity

Tested: Human

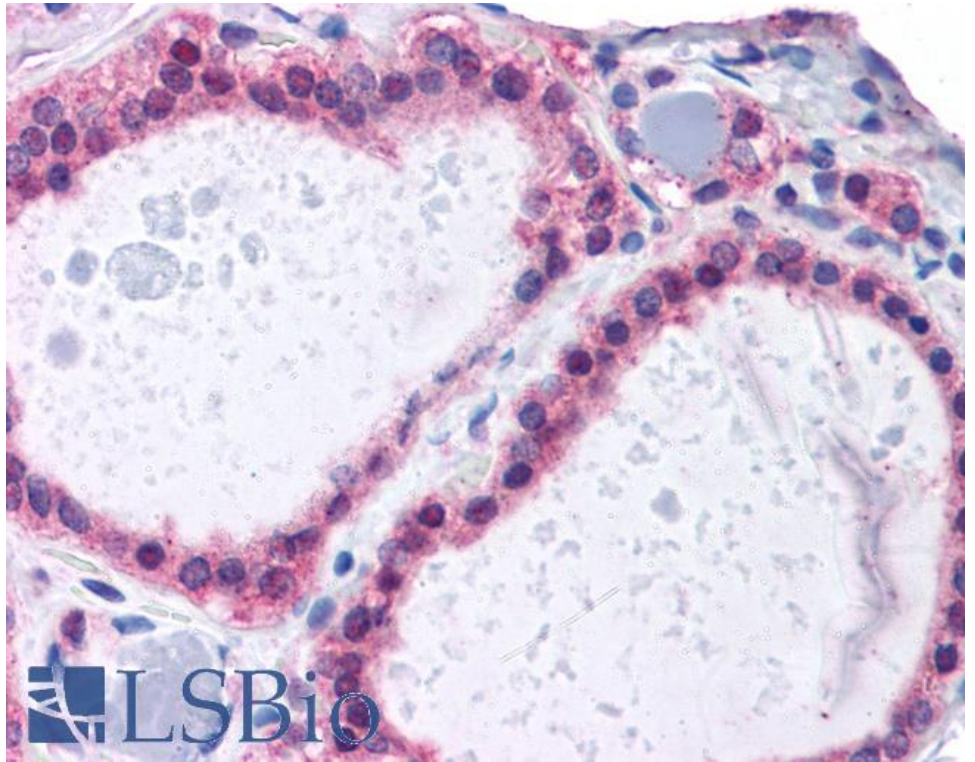
Expected from sequence similarity: Human, Mouse, Rat



EB05382 staining (0.2 μ g/ml) of Human HeLa lysate (RIPA buffer, 35 μ g total protein per lane). Detected by chemiluminescence.



EB05382 (3.75 μ g/ml) staining of paraffin embedded Human Skin. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**



EB05382 (3.75 μ g/ml) staining of paraffin embedded Human Thyroid. Steamed antigen retrieval with citrate buffer pH 6, AP-staining. **This data is from a previous batch, not on sale.**